HE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Clayton H. Johnson et al.

Serial No : 10/718,955

Filed: November 21, 2003

For : HISTOPLASMA CAPSULATUM CHITIN SYNTHASE

SEQUENCES AND THEIR USE FOR DETECTION

OF HISTOPLASMA CAPSULATUM AND

HISTOPLASMOSIS

Examiner : Bausch, Sarae L.

Art Unit : 1634

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111

Sir:

In response to the Office Action mailed July 3, 2006, Applicants respectfully submit the following amendment and response. Applicants also submit herewith a Supplemental IDS and the appropriate fees. Although it is believed that no additional fees are required by this action, the Commissioner is hereby authorized to charge any fees due to Deposit Account No. 16-1435. A duplicate sheet is attached for that purpose.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.